



## Great Blue Hill Sail & Power Squadron Education Department

### GBH Winter Course & Seminar Registrations

This winter the Great Blue Hill Sail and Power Squadron will be offering the courses and seminars listed below. The winter registration period is now under way. If you want to take one of the listed courses, or seminars, **YOU** must **REGISTER** for the course by **SUNDAY DECEMBER 13th**. A fee of \$15 is required with your registration. This registration fee will be put towards the course or seminar fee and will be refunded if the class is cancelled. This early registration is required to ensure that the Squadron will have the appropriate education materials on hand and arrange for an appropriate class room. Also a minimum of six registrants is required before a course or seminar is conducted. **PLEASE NOTE** - GBH is now permitting non-members to take its courses. If the non-member joins GBH while taking a GBH course, the additional course fee that was charged will be put towards his or her membership fee.

**Advance Piloting (AP):** Advanced Piloting is the final part of the inland and coastal navigation series. This material continues to build on the base developed in Piloting, and includes practical use of additional electronic navigation systems and other advanced techniques for finding position. Among topics covered are: finding position using bearings and angles, collision avoidance using GPS and RADAR, what to do when the electronics fail, tides, currents and wind and their effect on piloting, and electronic navigation with GPS, chart plotters, RADAR, autopilots, etc. Application of course lectures takes place through practical in-class and at-home exercises. Prerequisite: Piloting Course required. Has 10 sessions. Starts on Tuesday, January 26<sup>th</sup>. Course Fees Members \$ 95. Member Audit \$ 60 and Non-members \$ 140.

**Instructor Development (ID):** Unlike other USPS courses this one is not designed to enhance boating skills. Rather it deals with effective communications for speaker and teacher, a quality that benefits the individual in all walks of life. It offers instruction in: preparing for teaching assignments; preparing for meeting presentations; effective teaching techniques; conducting efficient meetings; and selection and use of audio-visual aids. No prerequisite courses required. Has 6 sessions. Starts on **TBD**. Course Fees: Members \$ 0, and Non-members \$ 25.

**Weather (W):** The safety and comfort of those who venture out-on-the water have always been weather dependent. In this new course students will become keener observers of the weather, but weather observations only have meaning in the context of the basic principles of meteorology — the science of the atmosphere.

The course focuses on how weather systems form, behave, move, and interact with one another and reflects the availability of all sorts of weather reports and forecasts on the Internet. Wx2008 is a general weather course benefiting those sitting in their living rooms, as much as those standing behind the helm. Each student receives

- a Weather Manual - *USPS Weather* - an explanatory text with full color photographs and drawings covering weather in the United States and its coastal and inland waters;
- a set of three Daily Weather Maps - learning aids with a complete explanation of map symbols designed to develop weather map reading and analysis skills; and
- *NOAA's Sky Watcher Chart* - a reference to assist in identifying cloud types – helpful indicators of approaching weather.

No prerequisite courses required. Has 10 sessions. Starts on Tuesday January 26<sup>th</sup>. Course Fees: Members \$ 130, Member Audit \$ 95, and Non-members \$ 175.

**Note:** Upon your successful completion of either of the Advance Piloting Course or the Weather course, a Coupon worth \$10 towards your next course or seminar, if taken prior to July 1, 2011, will be issued to you.

**SEMINARS:**

**Mariner's Compass:** This seminar explains how to select, install, calibrate and use your compass on board your boat. You will learn which features are most important and what will work best for you, how to deal with variation between true and magnetic north, and how to adjust your compass to remove most of the deviation caused by local magnetic influences.

Saturday Morning March 13<sup>th</sup>. Seminar Fees: Members \$ 30 and Non-members \$ 45.

**GBH's GPS Seminar:** GPS has become a common tool for navigation. However using GPS on the water is distinctly different from a moving map display in your car. This seminar explains the principles of waypoint navigation which you will use. It then shows you how to relate the GPS to your charts which provide essential information about what is around you. The seminar also shows you how to operate your GPS – what the buttons do, what the screens show, and how to access the functions you need. A handheld GPS is used as the demonstration model, but all GPS receivers function similarly. By the time you have completed the seminar, you will be able to store waypoints into your GPS, activate them for navigation, and use GPS to keep you on a safe, pre-qualified course of your choosing.

All day on Saturday March 27<sup>th</sup>. Seminar Fees: Members \$ 60 and Non-members \$75

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**GBH WINTER 2010 COURSE & SEMINAR REGISTRATION FORM**

Check Course and / or seminar desired - A \$ 15 registration Fee for each is required

- Advance Piloting
- Instructor Development {No Registration Fee Required}
- Weather
- Mariner's Compass Seminar
- GBH's GPS Seminar
- Registration Fees enclosed

Name: \_\_\_\_\_ Membership Number: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Email address: \_\_\_\_\_

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